

¹³C(d,²He) [1986Mo27](#)

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	J. H. Kelley, C. G. Sheu and J. E. Purcell		NDS 198,1 (2024)	1-Aug-2024

[1986Mo27](#): ¹³C(pol. d,²He) E=70 MeV. Measured $\sigma(\theta)$, $A_y(\theta)$ for $\theta \approx 10^\circ$ to 65° at the RCNP/Osaka. Observed groups at $E_x=0$, 3.8, 5.2, 6.6 MeV, but only analyzed the reaction to the ground state via DWBA analysis.
[1993Oh01](#): ¹³C(d,²He) E=260 MeV. Measured $\sigma(\theta)$ for $\theta=0^\circ$ to 10° at RIKEN. Analyzed σ relation with B(GT).
[1995Xu02](#), [1998GaZS](#): ¹³C(d,²He) E=125.2 MeV. Measured $\sigma(\theta=0^\circ)$ at Texas A&M. Analyzed σ relation with B(GT).

¹³B Levels

E(level)[†]
0
3.8×10³
5.2×10³
6.6×10³

[†] From ([1986Mo27](#)). Peaks include unresolved states.